

32692

Customer Number

Patent
Case No.: 59407US010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: KSHIRSAGAR, TUSHAR A.
Application No.: 10/596895 Confirmation No.: 1940
Filed: December 22, 2004
Title: PIPERAZINE, [1,4] DIAZEPANE, [1,4] DIAZOCANE, AND [1,5] DIAZOCANE
FUSED IMIDAZO RING COMPOUNDS

INFORMATION DISCLOSURE STATEMENT

Dear Sir:


Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p).

Respectfully submitted,

18 OCTOBER 2006
Date

By: 
Dean A. Ersfeld, Reg. No.: 46,689
Telephone No.: 651-733-7830

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

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	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 4,689,338	08-25-1987	John F. Gerster	
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	A28	US- 6,331,539	12-18-2001	Crooks et al.	

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	A30	US- 6,451,810	09-17-2002	Coleman et al.	
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10/Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 4 of 6	Application Number	10/596895
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	B2	PCT	WO 02/36592	05-10-2002			X
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	B34	PCT	WO 06/083400	08-16-2006			
	B35	PCT	WO 06/083440	08-10-2006			
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	B38	PCT	WO 06/091394	08-31-2006			
	B39	PCT	WO 06/091568	08-31-2006			
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	B44	JP	11-080156 A	03-26-1999			X
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	B46	JP	2000-247884 (abs)	09-12-2000			X
	B47	EP	0 394 026	10-24-1990			

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	B48	EP	1 104 784	06-06-2001			

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Exam Int.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Wozniak et al., "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate ^{1,2} . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.
	C2	Brennan et al., "Automated Bioassay of Interferons in Micro-test Plates.", <u>Biotechniques</u> , June/July, 78, 1983.
	C3	Testerman et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609.", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
	C4	Bachman et al., "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline.", <u>J. Org. Chem.</u> , 15, pp 1278-1284 (1950).
	C5	Jain et al., "Chemical and Pharmacological Investigations of Some ω -Substituted Alkylamino-3-aminopyridines.", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).
	C6	Baranov et al., "Pyrazoles, Imidazoles, and Other 5-Membered Rings.", <u>Chem. Abs.</u> , 85, 94362, (1976).
	C7	Berényi et al., "Ring Transformation of Condensed Dihydro-as-triazines.", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).
	C8	Chollet et al., "Development of a Topically Active Imiquimod Formulation.", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999).
	C9	Izumi et al., "1H-Imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- α Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1H-imidazo[4,5-c]pyridines.", <u>Bioorganic & Medicinal Chemistry</u> , 11, pp 2541-2550 (2003).

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